

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) Lift device for lifting and lowering of a support device (2, 3B, 5) of a transport track segment of a transport device for work pieces or the like, which work pieces are deposited upon plate-, pallet- or framework-like work piece carriers (58), and upon which the work piece carriers (58) are seated translationally displaceable
 - with a force producing device (35, 72, 73) for producing a force for lifting or lowering the support device (2, 3B, 5) and
 - with a force transmission device for transmitting the force from the force producing device to the support device wherein
 - the force transmission device includes at least one lever (25a, 25b), which on one side (29a, 29b) is coupled to be essentially horizontally displaceably guided with the force producing device (35, 72, 73) and on the other side (30a, 30b) is coupled with the support device (2, 3B, 5) and is guided for essentially vertical displacement.
2. (Previously Presented) Lift device according to Claim 1, wherein the force transmission device includes two levers (25a, 25b), which are rotatably mounted (29a, 29b) in parallel arrangement respectively on one end to at least one slide bar

(16a, 16b) guided for horizontal displacement and on the other end are rotatably mounted (29a, 29b) to at least one lift bar (17a, 17b) guided for vertical displacement parallel to the slide bar (16a, 16b).

3. (Previously Presented) Lift device according to Claim 2, wherein two slide bars (16a, 16b) are provided oriented parallel and bracketing the two levers (25a, 25b).
4. (Cancelled)
5. (Cancelled)
6. (Currently Amended) Lift device according to Claim 3, Claim 5, ~~thereby characterized, that wherein the slide bars (16a, 16b)~~ are associated with rollers (22a, 22b) for horizontal guidance on suitable guide bars (27, 27a, 27b) and ~~wherein the rollers (22a, 22b) are mounted rotatably in the slide bars (16a, 16b)~~.
7. (Cancelled)
8. (Cancelled)
9. (Currently Amended) Lift device according to Claim 2, wherein the lift bars (17a, 17b) are provided with guide rollers (22a, 22b) for vertical guidance on suitable guide elements (13a, 13b), and wherein ~~Claim 8, thereby characterized, that the~~ guide elements (13a, 13b) are connected essentially rigidly with the lift bars (17a, 17b).
10. (Cancelled)

11. (Cancelled)
12. (Cancelled)
13. (Cancelled)
14. (Cancelled)
15. (Currently Amended) Lift device according to Claim 1, Claim 14, thereby characterized, that wherein the force transmission device includes at least one (rotation-) motor drive (35) and a conversion device for converting the rotational movement of the motor drive (35) into a horizontal linear movement, and wherein an eccentric disk, a crank disk (38) or the like is provided, which is driveable by a motor drive (35) and which is in operable association with one end (29a, 29b) of the lever (25a, 25b).
16. (Previously Presented) Lift device according to Claim 15, thereby characterized, that the eccentric disk, the crank disk (38) or the like carries an eccentric pin, crank pin (38a) or the like eccentric to the drive axis of the motor drive (35), which engages in a linkage mount (37a) provided on the one side of a crank (20), wherein a pin (36) provided on the one side of the slide bar(s) (16a, 16b) engages in a linkage mount (37b) provided on the other side of the crank (20).
17. (Cancelled)
18. (Previously Presented) Lift device according to Claim 17, thereby characterized, that a connecting device (42) is provided on the other side of the slide bar(s) (16a, 16b),

which is rigidly connected with a spring tensioning device (41), upon which a pressure spring (18) is seated on one end and which on the other side is seated upon a spring abutment (40) rigidly connected with the guide bar (27b).

19. (Cancelled)
20. (Previously Presented) Lift device according to Claim 2, wherein two lift bars (17a, 17b) are provided in parallel orientation and bracketing the two levers (25a, 25b).
21. (Previously Presented) Lift device according to Claim 2, wherein the slide bars (16a, 16b) are associated with rollers (22a, 22b) for horizontal guidance on suitable guide bars (27, 27a, 27b).
22. (Previously Presented) Lift device according to Claim 21, wherein the rollers (22a, 22b) are mounted rotatably in the slide bars (16a, 16b).
23. (Previously Presented) Lift device according to Claim 21, wherein the rollers are mounted rotatably in the guide bars.
24. (Previously Presented) Lift device according to Claim 2, wherein the lift bars (17a, 17b) are provided with guide rollers (22a, 22b) for vertical guidance on suitable guide elements (13a, 13b).
25. (Previously Presented) Lift device according to Claim 24,

wherein the guide elements (13a, 13b) are connected essentially rigidly with the lift bars (17a, 17b).

26. (Previously Presented) Lift device according to Claim 1, wherein slide blocks (15a, 15b) are provided for guiding the force transmission device (16a, 16b, 17a, 17b, 25a, 25b) in the sideways direction.
27. (Previously Presented) Lift device according to Claim 1, wherein the force transmission device includes at least one pneumatic device (72, 73).
28. (Previously Presented) Lift device according to Claim 1, wherein the force transmission device includes at least one hydraulic device.
29. (Previously Presented) Lift device according to Claim 1, wherein the force transmission device includes a linear motor.
30. (Previously Presented) Lift device according to Claim 1, wherein the force transmission device includes at least one (rotation-) motor drive (35) and a conversion device for converting the rotational movement of the motor drive (35) into a horizontal linear movement.
31. (Previously Presented) Lift device according to Claim 30, wherein an eccentric disk, a crank disk (38) or the like is provided, which is driveable by a motor drive (35) and which is in operable association with one end (29a, 29b) of the

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lever (25a, 25b).

32. (Previously Presented) Lift device according to Claim 31, wherein the eccentric disk, the crank disk (38) or the like carries an eccentric pin, crank pin (38a) or the like eccentric to the drive axis of the motor drive (35), which engages in a linkage mount (37a) provided on the one side of a crank (20), wherein a pin (36) provided on the one side of the slide bar(s) (16a, 16b) engages in a linkage mount (37b) provided on the other side of the crank (20).
33. (Previously Presented) Lift device according to Claim 31, wherein the motor drive (35) is provided with a pressure or pull spring (18), of which the spring effect supports the start-up of the motor drive (35) at least during lifting of the support device (2, 3B, 5).
34. (Previously Presented) Lift device according to Claim 33, wherein a connecting device (42) is provided on the other side of the slide bar(s) (16a, 16b), which is rigidly connected with a spring tensioning device (41), upon which a pressure spring (18) is seated on one end and which on the other side is seated upon a spring abutment (40) rigidly connected with the guide bar (27b).
35. (Previously Presented) Lift device according to Claim 1, wherein two force transmission devices (16a, 16b, 17a, 17b, 25a, 25b, 18, 20) are provided in essentially identical form in parallel arrangement to each other, which respectively

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carry segments of an outer roller track (2) or an inner roller track (3B) of the support device.